ABSTRACT

An image conversion unit for converting a first image with a first resolution into a second image with a second resolution, the second resolution being higher than the first resolution being higher than the first resolution is disclosed. The image conversion unit comprises a noise generator for generating noise and a combining unit arranged to add the noise to the second image. Preferably the noise that is added comprises spectral components which are in a part of a frequency spectrum which is above the Nyquist frequency of the first image. Optionally the image conversion unit comprises a noise measurement unit to control the noise generator.

Fig. 5A + 5B + 5C